#### Declaration for Patent Application

[ ] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

<u>adai</u>	PTIVE ANTENNA FOR USE IN WIRELESS COMMUNICATION SYSTEMS
the sp	pecification of which (check one)
[]	is attached hereto.
[X]	was filed on December 23, 2003 as United States Application Number 10/744,912.
[]	was filed on [PCT Filing Date] as PCT International Application No. [PCT Applin No.] [OPTION] and assigned United States Application No. [19].
[]	and was amended on [ ] (if applicable).
•	I hereby state that I have reviewed and understand the contents of the above-identified specification, ding the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part

filing date of the prior application and the national or PC1 international filing date of the commutation in past application.

I hereby claim foreign priority benefits under 35 U.S.C. 119 or 365 of any foreign application(s) for patent

or inventor's certificate, or of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

	<u> </u>	Prior Foreign Application(s)		rior Foreign Application(s) Priority Not Claimed		ot		Certified Copy File YES l		; O
	(Country)	(Day/Month/Year filed)	_ [	]	[	]	[	]		
(Number)	(Country)		_ [	] .	[	]	[	]		
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(Number)	(Country)	(Day/Month/Year filed)	L	1	L	J	•	•		

full name of sole		
or first inventor	Griffin K. Gothard	
		Date
Residence	309 Harwood Avenue	
•	Satellite Beach, FL 32937	
Citizenship	USA	
Mailing Address	Same As Above	
Full name of second jo	oint .	
inventor, if any	Alton S. Keel, Jr.	
La cionatura		Date
Residence.	410 East Beaver Street	
	Hellam PA 17406	
Citizenship	USA	
Mailing Address	Same As Above	
Full name of third join		
inventor, if any	Christopher A. Snyder	Date
	Christophia	
Residence	2539 Canary Isles Drive	
	Melbourne, FL 32901-6820	
Citizenship	USA. Same As Above	
Mailing Address	Same As Above	
Full name of fourth j	oint	
inventor, if any	Bing Chiang	
Inventor's Signature		Date
Residence		
	Melbourne, FL 32901	
Citizenship	USA	
Mailing Address		

full name of fifth joint		
inventor, if any	Joe T. Richeson	Date
nventor's Signature	Joe 1. Nicheson	Date
Residence	2016 Blue Heron Drive	
	Melbourne, FL 32940	
Citizenship	USA	
Mailing Address	Same As Above	
Full name of sixth joint		
inventor if any	Douglas H. Wood	
Inventor's Signature		Date
Residence	143 Coffee Street, S.E.	
,	Palm Bay, FL 32907	
Citizenship	USA	
Mailing Address	Same As Above	
Full name of seventh jo	pint .	
inventor, if any	James A. Proctor, Jr.	
Inventor's Signature		Date
Residence	258 Sea View Street	
	Melbourne Beach, FL 32951	
Citizanchin	USA	
Mailing Address	Same As Above	
Full name of eighth jo	int.	
inventor, if any	Kenneth M. Gainey	-
Inventor's Signature_		Date
Residence	441 Thrush Drive	
	Satellite Beach, FL 32937	
Citizenship	USA	
Mailing Address	Same As Above  A/MHODMA/HBSR05;iManage;446145;1	



#### Declaration for Patent Application

[ ] Supplemental (37 C.F.R. §1.67)

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#### ADAPTIVE ANTENNA FOR USE IN WIRELESS COMMUNICATION SYSTEMS

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[]	is attached hereto.			•				٠		
[X]	was filed on Decem	ber 23, 2003 as Un	nited States Applica	ation Number 10	744,91	2.				
[]	was filed on [PCT Fassigned United Sta	Filing Date] as PCT tes Application No	[ International App o. [ ]].	lication No. [PC	T Appl	n No.]	[OI	OIT	N an	d
[]	and was amended of	n[](if applicab	ole).							
includ	I hereby state that I ing the claims, as ame	have reviewed and aded by any amend	i understand the co iment referred to a	ntents of the abo	ve-iden	tified s	speci	ficati	on,	
§1.56, filing applic	I acknowledge the continual including for continual date of the prior application.	ition-in-part applic	ations, material inf	ormation which b	oecame	avana	ible t	etwe	en me	₹.
United for pa	I hereby claim forei entor's certificate, or o i States of America, lis tent or inventor's certif ation on which priority	f any PCT internat sted below and hav ficate, or of any PC	ional application w	hich designated a low, by checking	it least the bo	one co x, any	fore	y ouic ign aj	pplica	itior
		<u>Pr</u>	ior Foreign Applic	ation(s)	Pric N Cla	-		Certi Copy : ES	fied Filed N	
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(Num	ber)	(Country)	(Day/Month	/Year filed)	[	]	[	]	[	}

Full name of sole	·	
or first inventor	Griffin K. Gothard	<u> </u>
Inventor's Signature		Date
Residence	309 Harwood Avenue	
	Satellite Beach, FL 32937	
Citizenship		
Mailing Address	Same As Above	
Full name of second jo	int	
inventor, if any	Alton S. Keel, Jr.	·
Inventor's Signature		Date
Residence	410 East Beaver Street	-
•	Hellam, PA 17406	
Citizenship	USA	
Mailing Address	Same As Above	
Full name of third join	t .	
inventor, if any		
Inventor's Signature		Date
Residence	2539 Canary Isles Drive	
	Melbourne, FL 32901-6820	
Citizenship	USA	
Mailing Address	Same As Above	
Full name of fourth jo	int	
inventor, if any	Bing Chinag	1/2//0/6
Inventor's Signature	1 Sine Olivery	DateDate
Residence	3662 Whispherwood Circle	
	Melbourne, FL 32901	
Citizenship	USA	
Mailing Address	Same As Above	

Joe T. Richeson	
	Date
2016 Blue Heron Drive	
USA	
Same As Above	
Douglas H Wood	
7	Date 1-26-04
143 Coffee Street, S.E.	
USA	
Same As Above	
int	
258 Sea View Street	
M. H Desch. Et. 22051	
nt	
Kenneth M. Gainey	
	Date
Satellite Beach, FL 32937	
USA	
Same As Above	
	2016 Blue Heron Drive  Melbourne, FL 32940  USA  Same As Above  Douglas H_Wood  143 Coffee Street, S.E.  Palm Bay, FL 32907  USA  Same As Above  int  James A. Proctor, Jr.  258 Sea View Street  Melbourne Beach, FL 32951  USA  Same As Above  it  Kenneth M. Gainey  441 Thrush Drive  Satellite Beach, FL 32937  USA



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	As a named inventor	, I hereby declare th	nat:							
			enship are as stated next to my i	name;						
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the spe	ecification of which (ch	eck one)		<del>`</del>		<u> </u>				
[]	is attached hereto.		•							
[X]	was filed on Decemb	ber 23, 2003 as Uni	ited States Application Number	10/744,9	12.					
[]	was filed on [PCT F assigned United State	filing Date] as PCT tes Application No.	International Application No. [1 [ ]].	PCT App	l'n No.	[O]	TIC	Ŋ	an	b
[]	and was amended or	n [ ] (if applicabl	e).							
includ	I hereby state that I ing the claims, as amer	have reviewed and nded by any amendr	understand the contents of the a nent referred to above.	bove-ide	ntified :	speci	ficat	ion	١,	
§1.56, filing applic	, including for continua date of the prior applic	tion in nort annlica	rmation which is material to pat tions, material information which all or PCT international filing d	in Decam	c avamo	ioic i	JULVY	-		₹. ;
United for pa	entor's certificate, or of	f any PCT internation ited below and have ited below and have ited. Or of any PCI	under 35 U.S.C. 119 or 365 of onal application which designate also identified below, by check remational application having	ing the b	ox, anv	fore	ign a	app	lica	tion
			or Foreign Application(s)	]	iority Not aimed	Y	Cert Copy ES	tifie Fi	ed led' No	?
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(Num	nber)	(Country)	(Day/Month/Year filed)	ι	ı	L	,		٠	•

Full name of sole		
or first inventor	Griffin K. Gothard	
Inventor's Signature		Date
	Satellite Beach, FL 32937	
Citizenship	USA	<u> </u>
Mailing Address	Same As Above	
Full name of second join	nt	
	Alton S. Keel. Jr.	
Inventor's Signature	(Ot-2/0/1)	Date_ <u>\$/.\$/04</u>
Residence		
residence	Melbourne, FL 32940	
Citizenship	USA	
Mailing Address	Same As Above	
Full name of third joint		
inventor, if any		
Inventor's Signature		Date
Residence	2539 Canary Isles Drive	
	77 40001 (000	
Citizenship	USA	
	Same As Above	
Full name of fourth join	nt	
inventor, if any		
· · · · · ·		Date
Residence		
	Melbourne, FL 32901	
Citizenship	USA	
	Same As Above	

Full name of fifth joint			
inventor, if any	Joe T. Richeson		<del></del>
Inventor's Signature		Date	_
Residence			<del></del> .
			_
Citizenship	USA		_
Mailing Address	Same As Above		
Full name of sixth join	t		
_	Douglas H. Wood		<del></del>
Inventor's Signature		Date	
Residence	143 Coffee Street, S.E.		
	Palm Bay, FL 32907		
Citizenship	USA		
Mailing Address	Same As Above		
Full name of seventh j	oint		
inventor if any	James A. Proctor, Jr.		
Inventor's Signature		Date	<u>~</u>
Residence	· · · ·		
Residence	Melbourne Beach, FL 32951		
Citizenshin	USA		
Mailing Address	Same As Above		
Full name of eighth jo			
inventor, if any	•		
Inventor's Signature_		Date	
Residence			
	Satellite Beach, FL 32937		
Citizenship			
Mailing Address			
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### Declaration for Patent Application

Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

	•	<del>-</del>	izenship are as stated flext to my i						
invent	for (if plural names ar	e listed in the signa	ole inventor (if only one name is li tory page(s) commencing at page the invention entitled	sted) or a 2 hereof)	n origi of the	nal, i subje	first ar ect ma	ıd joi tter v	nt vhich
ADA]	PTIVE ANTENNA F	OR USE IN WIRE	LESS COMMUNICATION SYST	rems					
the sp	ecification of which (	(check one)							
[]	is attached hereto.	·							,
[X]	was filed on Dece	ember 23, 2003 as U	nited States Application Number	10/744,91	2.				
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[]	and was amended	on[.](if applica	ble).						
inclu	I hereby state that ding the claims, as an	t I have reviewed an nended by any amen	d understand the contents of the a diment referred to above.	bove-iden	tified :	speci	ficatio	on,	
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(Nu	mber)	(Country)	(Day/Month/Year filed)	t	J	L	ı	L	J

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of sole Griffin K. Gothard or first inventor \_\_\_\_\_ Inventor's Signature \_\_\_\_ 309 Harwood Avenue Residence \_\_\_\_\_ Satellite Beach, FL 32937 USA\_\_\_\_\_ Citizenship Mailing Address Same As Above Full name of second joint inventor, if any \_\_\_\_\_ Alton S. Keel, Jr. \_\_\_\_\_ Date \_\_\_\_\_ Inventor's Signature Residence 410 East Beaver Street <u>Hellam, PA 17406</u> Citizenship USA Mailing Address Same As Above Full name of third joint Christopher A. Snvder inventor, if any \_\_\_\_\_ \_\_\_\_\_ Date \_\_\_\_\_ Inventor's Signature\_\_\_\_ 2539 Canary Isles Drive Residence \_\_\_\_\_ Melbourne, FL 32901-6820 USA. Citizenship \_\_\_\_\_ Mailing Address Same As Above Full name of fourth joint Bing Chiang inventor, if any \_\_\_\_\_ \_\_\_\_\_ Date \_\_\_\_\_ Inventor's Signature\_\_\_\_ 3662 Whispherwood Circle Residence \_\_\_\_\_ Melbourne, FL 32901 Citizenship \_\_\_\_\_ USA Mailing Address Same As Above

Full name of fifth joint		- <b></b>	
inventor, if any	Joe T. Richeson		
nventor's Signature			Date
Residence			
	Melbourne, FL 32940		
Citizenship	USA		
Mailing Address	Same As Above		
Full name of sixth joint			•
inventor, if any	Douglas H. Wood		Date
Residence	143 Coffee Street, S.E.		
	Palm Bay, FL 32907		
Citizenship	USA		
	Same As Above		*-
Full name of seventh jo		نده همه شده شده مده مده <mark>شد چند چند شده شده شده شده شده شده شده شده شده شد</mark>	
inventor, if any	James A. Proctor. Jr.		
Inventor's Signature		<u></u>	Date
Residence	258 Sea View Street		
	Melbourne Beach, FL 32951		
	USA		
Mailing Address	Same As Above		
Full name of eighth joi	nt		
inventor, if any			
Inventor's Signature			Date
Residence			
	Satellite Beach, FL 32937		
Citizenship			
Mailing Address			
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RACEMARY		<u>Declar</u>	ation f	or Patent A	pplication						
		[]:	Supple	mental (37	C.F.R. §1.67	7)					
As	a named inventor, I her	eby declar	re that:								
	y residence, mailing add			p are as state	d next to my na	ame;					
I b	elieve I am the original, plural names are listed and for which a patent is	first and s	sole inve	entor (if only ge(s) comme	one name is lis	ted) or a	n origin of the	nal, f subje	irst ar ct ma	id joi tter v	nt vhic
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[] is	attached hereto.										
	was filed on December 23, 2003 as United States Application Number 10/744,912.										
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or inventor United Sta	hereby claim foreign pri 's certificate, or of any I tes of America, listed be or inventor's certificate, n on which priority is cla	CI interrelow and hor of any l	iational a	application w	low by checki	ng the h	ox. anv	forei efore	ign ap	plica of the	atio
			<u>Prior Fo</u>	reign Applica	ation(s)	1	ority Vot aimed	C	Certit Copy F ES	Filed Filed' N	? O
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Pull name of sole	Griffin K. Gothard	
or first inventor	Griffi K. Gothard	Date
Residence	Satellite Beach, FL 32937	
Citizenshin	USA USA	
Mailing Address	Same As Above	
Full name of second joi		
inventor if any	Alton S. Keel, Jr.	
Inventor's Signature		Date
Residence	_	
	- T. H T. A. 177406	
Citizenship	USA	
Mailing Address	Same As Above	
Full name of third joint		
inventor, if any	Christopher A. Snvder	
Inventor's Signature		Date
Residence		
·	Melbourne, FL 32901-6820	
Citizenship	USA	
Mailing Address	Same As Above	
Full name of fourth joi	nt	
inventor, if any	Bing Chiang	
		Date
Residence	3662 Whispherwood Circle	
	Melbourne, FL 32901	
Citizenship	USA	
Mailing Address	Same As Above	

Full name of fifth joint	f.	
inventor, if any	Joett Richeson	
Inventor's Signature		Date <u>02/05/04</u>
Residence	2016 Blue Heron Drive	
	Melbourne, FL 32940	
Citizenship	USA	
Mailing Address	Same As Above	
Full name of sixth joint		÷
inventor, if any	Douglas H. Wood	<u> </u>
Inventor's Signature		Date
Residence	143 Coffee Street, S.E.	
	Palm Bay, FL 32907	
Citizenship	USA	
Mailing Address		
Full name of seventh jo		•
inventor, if any	James A. Proctor, Jr.	
Inventor's Signature		Date
Residence	258 Sea View Street	
	Melbourne Beach, FL 32951	
Citizenship	USA	
Mailing Address	Same As Above	
Full name of eighth join	nt	
inventor, if any	Kenneth M. Gainey	
Inventor's Signature		Date
Residence	441 Thrush Drive	
	Satellite Beach, FL 32937	
Citizenship	USA	
Mailing Address	Same As Above	
	/MHODMA/HBSR05;iManage;446145;1	